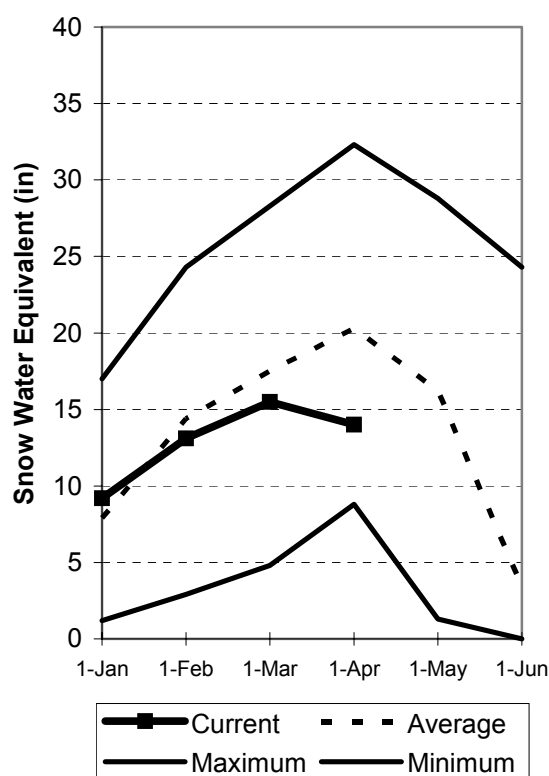


## Bear River Basin Apr 1, 2004

Snowpacks on the Bear River Basin are near average at 61% of normal, about 91% of last year and 30% less than last month. Specific sites range from 0% to 120% of normal. Low elevation snowpack is gone with a first ever zero reading at Burts Miller Ranch. March precipitation was much below average at 44%, which brings the seasonal accumulation (Oct-Mar) to 82% of average. Soil moisture levels in runoff producing areas indicate about 4.1 inches of deficit in the upper 2 feet of soil. Forecast streamflows are for much below normal (7%) to below normal volumes (57%) this spring. Reservoir storage is extremely low at 8% of capacity, 21% less than last year. The Surface Water Supply Index is at 2% for the Bear River, or 98% of years have had more total water available. Water supply conditions are much below normal.

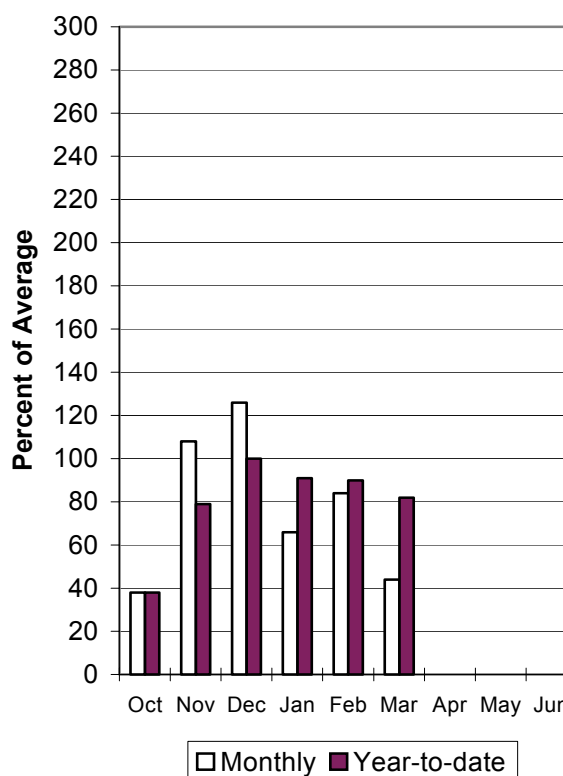
### Bear River Snowpack

4/1/2004



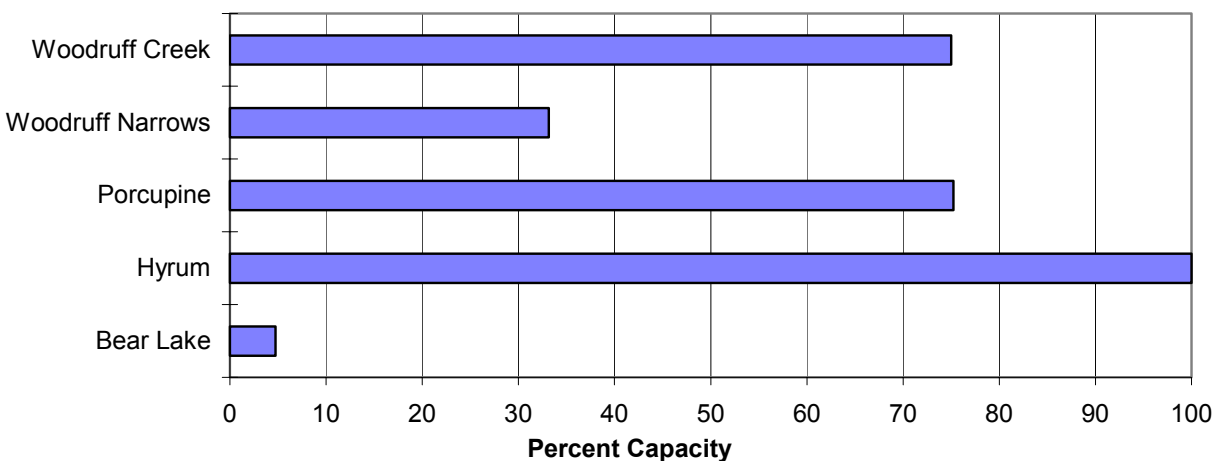
### Bear River Precipitation

4/1/2004



### Reservoir Storage

4/1/2004



BEAR RIVER BASIN  
Streamflow Forecasts - April 1, 2004

		Future Conditions						
Forecast Point	Forecast Period	<<===== Drier =====		Future Conditions		===== Wetter =====>>		30-Yr Avg. (1000AF)
		Chance Of Exceeding *						
		90% (1000AF)	70% (1000AF)	50% (Most Probable) (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
Bear River nr UT-WY State Line	APR-JUL	30	44	53	47	62	76	113
Bear River ab Reservoir nr Woodruff	APR-JUL	23	29	33	24	50	75	136
Big Creek nr Randolph	APR-JUL	0.38	0.48	0.55	11	1.18	2.10	4.90
Smiths Fork nr Border	APR-JUL	41	52	60	58	68	79	103
Bear River at Stewart Dam	APR-JUL	4.0	10.0	17.0	7	25	40	234
Little Bear River at Paradise	APR-JUL	13.9	19.0	23	50	27	34	46
Logan River nr Logan combined flow	APR-JUL	53	64	72	57	81	94	126
Blacksmith Fork nr Hyrum	APR-JUL	12.7	19.0	24	50	30	39	48

BEAR RIVER BASIN Reservoir Storage (1000 AF) - End of March					BEAR RIVER BASIN Watershed Snowpack Analysis - April 1, 2004			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
BEAR LAKE	1302.0	61.7	389.1	---	BEAR RIVER, UPPER (abv Ha	6	90	62
HYRUM	15.3	15.3	15.3	12.2	BEAR RIVER, LOWER (blw Ha	8	90	60
PORCUPINE	11.3	8.5	7.9	6.7	LOGAN RIVER	4	87	62
WOODRUFF NARROWS	57.3	19.0	16.0	32.7	RAFT RIVER	1	172	98
WOODRUFF CREEK	4.0	3.0	2.4	---	BEAR RIVER BASIN	14	90	61

\* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.  
(2) - The value is natural volume - actual volume may be affected by upstream water management.